

FIG. 1A

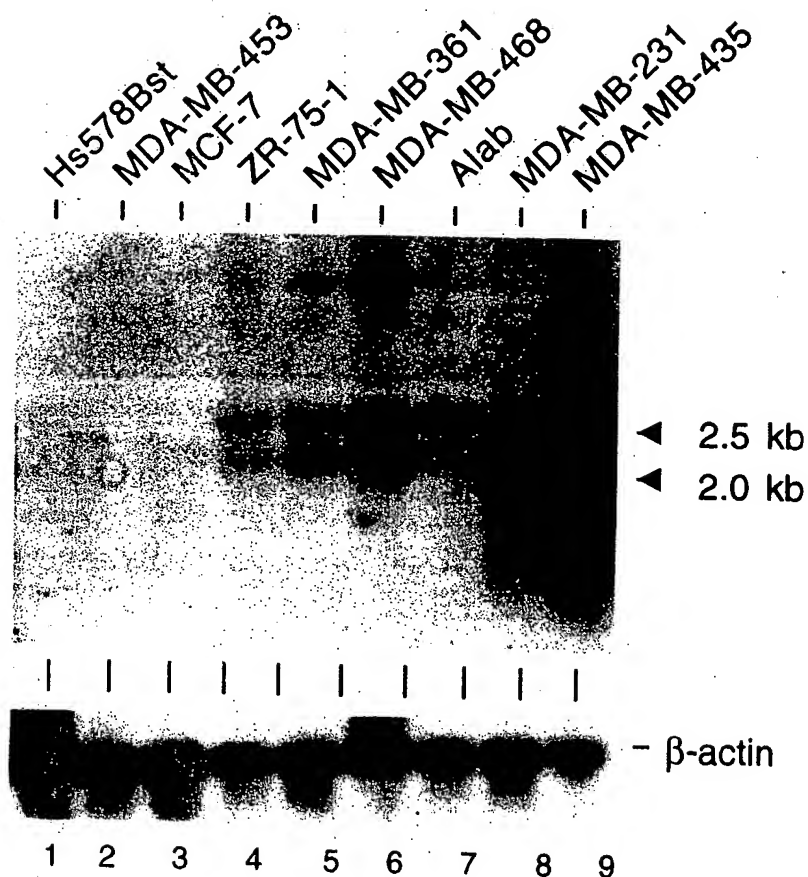


FIG. 1B

AGGCACGAGCCCCCGCCGGCTGAGCCGGCTGCCGACGGACCGGTAGGCTGGGCGCGCCCCCGCGCGTGGGC	100
ATGGCGCACTGGCCCCGGCGCTGCTGCTCCTGTCGCCCGCCCGGAGCTGGCGCCCCCGGCCCTTACGCTGCCCTCC	200
M G A L A R A L L L P L L A O W L L R A A P E L A P A P F T L P L	33
GCTGGCGCGCACGAACCGCGTAGTTGGCGCCACCCCGGACC CGGACCCCTGCCGAGCGCCACGCCGCTTGCGCTGGAGCCCTGC	300
R V A A A T N R V V A P T P G P G T P A E R H A D G L A L A L E P A	66
CCTGGCTCCCCCGCGCGCCAACTTCTTGGCCATGGTAGACAACCTGCGAGGGGACTCTGGCCGCGGCTACTACCTGGAGATGCTGATCGGGACC	400
L A S P A G A A N F	99
CCCCCGCAGAAGCTACAGATTCTCTGTTGACACTGGAAGCAGTAACCTTTCGCGTGCGAGGAACCCCGCACTCCTACATAGACACGTACTTTGACACAGAGA	500
P P Q K L Q I L V D T G S S N F A V A G T P H S Y I D T Y F D T E	132
GGTCTAGCATACCGCTCCAAGGCTTTGACGTCACAGTGAAGTACACACAAGGAAGCTGGACGGGCTTCGTTGGGAAGACCCTCGTCACCATCCCCCAA	600
R S S T Y R S K G F D V T V K Y T Q G S W T G F V G E D L V T I P K 165	
AGGCTTCAATACCTTTCTTGTCAACATTGCCACTATTTTGAATCAGAGAAATTTCTTTTGCCCTGGATTAATGGAATGGAATACTTGGCCCTAGCT	700
G F N T S F L V N I A T I F E S E N F F L P G I K W N G I L G L A 198	
TGCCACACTTGGCAAGCCATCAAGTTCTCTGGAGACCTTCTTCGACTCCCTGGTGACACAAGCAACATCCCACGTTTTCTCCATGCAGATGTGTG	800
I A T L A K P S S S L E T F F D S L V T Q A N I P N V F S M Q M C 231	
GAGCCGGCTTGGCCGTTGCTGGATCTGGGACCAACGGAGGTAGTCTTGTCTTGGTGGAATTGAACCAAGTTTGTATAAAGGAGACATCTGGTATACCCC	900
G A G L P V A G S G T N G G S L V L G G I E P S L Y K G D I W Y T P 264	

## FIG. 2A-2

PATTAAGGAAGAGTGGTACTACCAGATAGAAATTCCTGAAATTCGAAATTCGAGGCCAAAGCCCTTAATCTGGACTGCAGAGAGTATAACGCAGACAAGGCC 1000  
I K E E W Y Y Q I E I L K L E I G G Q S L N L D C R E Y N A D K A 297

ATCGTGGACAGTGGCACCACGCTGCTGCCCTGCCCCAGAAGGTGTTTGATCGGTGGTGAAGCTGTGGCCCGCGCATCTCTGATTCAGAAATTCCTCTG 1100  
T V D S G T T L L R L P Q K V F D A V V E A V A R A S L I P E F S 330

ATGGTTCTGGACTGGTCCAGCTGGGTGCTGGACGAATTCGAAACACCTTGGTCTTACTTCCCTAAATCTCCATCTACCTGAGAGATGAGAACTC 1200  
D G F W T G S Q L A C W T N S E T P W S Y F P K I S I Y L R D E N S 363

CAGCAGGTCAATTCGGTATCACAATCCTGCCCTCAGCTTTACATTCAGCCCATGATGGGGCGCGCTGAATTAATGATTACCGATTCGGCAATTCCTCCA 1300  
S R S F R I T I L P Q L Y I Q P M M G A G L N Y E C Y R F G I S P 396

TCCACAAATGCGCTGGTATCGGTGCCACGGTGATGGAGGGCTTCTACGTCACTTCGACAGAGCCAGAGGGTGGGCTTCGCAGCGAGCCCCCTGTG 1400  
S T N A L V I G A T V M E G F Y V I F D R A Q K R V G F A A S P C 429

CAGAAATTCAGGTGCTGAGTGTCTGAAATTTCCGGGGCTTTCTCAACAGAGGATGTAGCCAGCAACTGTGTCCCGCTCAGTCTTTGAGCGAGCCCCAT 1500  
A E I A G A A V S E I S G P F S T E D V A S N C V P A Q S L S E P I 462

TTTGTGATTGTCTCCTATGCGCTCATGAGCGTCTGTGGAGCCATCCTCCTTGTCTTAATCGTCTGCTGCTGCCGTTCCGGTGTCTCAGCGTCCGCCCC 1600  
L W I V S Y A L M S V C G A I L L V L I V L L L P F R C Q R R P 495

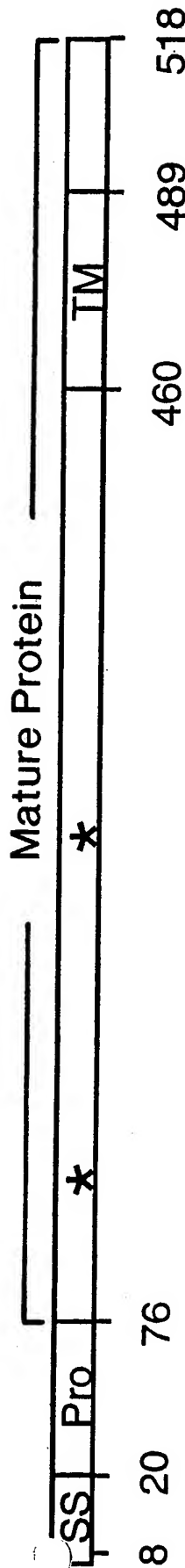
GTGACCTTGAGTCAATGATGAGTCCTCTCTGGTCAGACATCGCTGGAAATGAATAGCCAGGCTGACCTCAAGCAACCATGAACCTCAGCTATTAA 1700  
R D P E V V N D E S S L V R H R W K \*

GAAATCACAATTCAGGGCAGCGGGGATCGATGGTGGCGCTTCTCTCTGTGCCACCGCTTCAATCTCTGTCTCTCCAGATGCCCTTCTAGA 1800  
TTCACTGTCTTTGATTCCTGATTTTCAAGCTTTCAAAATCCTCCCTACTTCCAAG(A)n 1855

FIG. 2B

AAAAAAAACTTCATTCTAAACCAAAACAGAGTGGATTGGGCTCAGGCTCTATGGGTTGTTATGCCAAAGTGTCTACATGTGCCACCAACATAAAA 1955  
 CAAAACCAAGCCTGGCTCGTTCTCTCTCTCTCAATCTCTGGAAAAATAAGTACATATAGTTGATAACCCCTCTTAGCTTACAGGAAGCTTTTGTAT 2055  
 TAATTGCCCTTTGAGGTTAATTTCCGCGACACCTCAACCTGGGTCAAAGTGGTACAGGAAGGCTTCAGTATGATGGCAGGAGATCAGCCTGGGGCCTGG 2155  
 ATGTAAACCAAGCTGTACCCCTTGAGACCTGGAACCAAGAGCCCAAGGCCCCCTTTGTGGGTTCTCTGTGCTCTGAATGGGAGCCAGAATTCAC TAGGAG 2255  
 GTCATCAACCGATGGTCCCTCAAGCCCTCTCTGAAGATGGAAGGCCCTTTTGCCCGTTGAGGTAGAGGGAAAGAAATCTCCTTTTGTACCCCAATACT 2355  
 TATGTTGTAATTTGGTGGGAAAGTAAACAACACTACCTCTTTTGAAGCTTTTGCCAGGTCCTGTGCTGGATGGGGTGAGGAGCCTTGACCCACGGC 2455  
 TGTTCCTCCCTCACCCCAAGAAATTATCATCCCAACAGCCCAAGAGCTGAACCTGTGCATCAACCAAGGAAGAGTTCTATCCCCCAAGCTGGCCAC 2555  
 TATCACATATGCTTACTCTTGTCTTAAATAATCAATGTTTGTATGAG(A)<sub>n</sub> 2606

FIG. 2C



[illegible]

	318	315	314	333	329	340
CatE	..	..	..	..	..	..
PepA	..	..	..	..	..	..
PepC	..	..	..	..	..	..
CatD	..	..	..	..	..	..
Renin	..	..	..	..	..	..
CSP56	ADK	ADK	ADK	ADK	ADK	ADK

**FIG. 3C**

CatE	V	M	P	D	V	T	F	T	I	N	G	G	V	P	Y	T	L	S	P	T	A	363
PepA	S	L	P	D	I	V	F	T	I	N	G	G	V	P	Q	Y	V	P	P	S	A	356
PepC	N	L	P	S	L	T	F	I	I	N	G	G	V	E	F	K	L	S	S	S	A	355
CatD	T	L	P	A	I	T	K	L	G	G	G	K	E	Y	K	L	L	S	P	E	D	378
Renin	T	L	P	D	I	S	F	H	L	G	G	K	E	Y	T	L	S	P	A	D	S	374
CSP56	Q	L	A	C	W	T	N	S	E	T	P	P	W	S	Y	.	F	P	K	I	S	384

CatE	A G . P L	.	.	.	.	.	.	.	.	W I L G D	V F I R Q Y F	Y S V F	D P R V G F A	392
PepA	S G . E L	.	.	.	.	.	.	.	.	W I L G D	V F I R Q Y F	Y S V F	D P R V G F A	385
PepC	N G Q P L	.	.	.	.	.	.	.	.	W I L G D	V F F E S V F	L G N N R V G F A	D P R V G F A	385
CatD	S G . P L	.	.	.	.	.	.	.	.	W I L G D	V F I R Q Y F	Y S V F	D P R V G F A	407
Renin	T G . P T	.	.	.	.	.	.	.	.	W A L G A	T F I R K F Y T E F	D R N R V G F A	D R A Q K R V G F A	403
CSP56	M G A G L	N Y E C Y R F G I S	.	.	.	.	.	.	P S T N A L W I G A	T V M E G F Y V	F	D R A Q K R V G F A	D R A Q K R V G F A	429

[illegible][illegible]

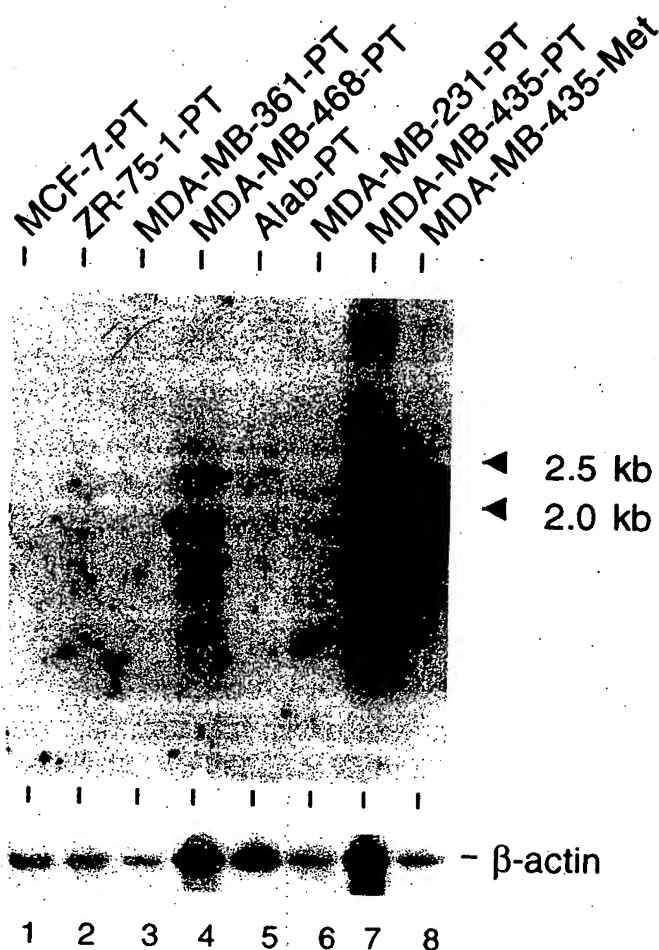


FIG. 4

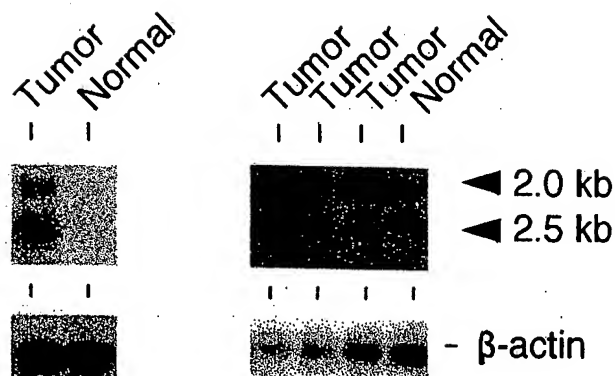
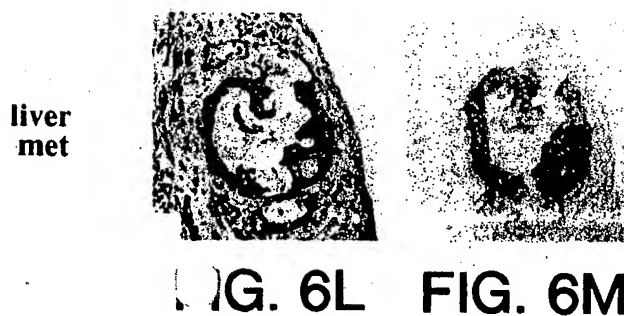
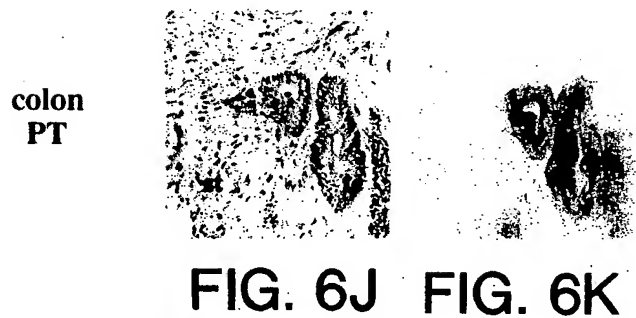
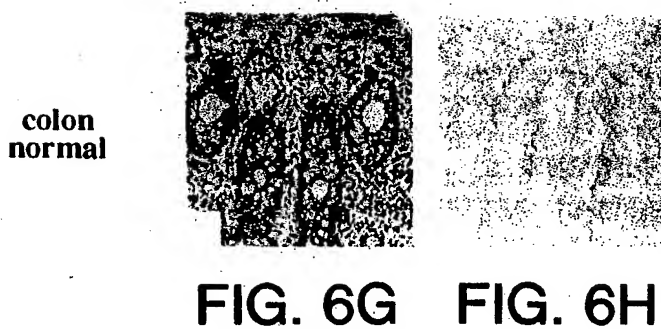
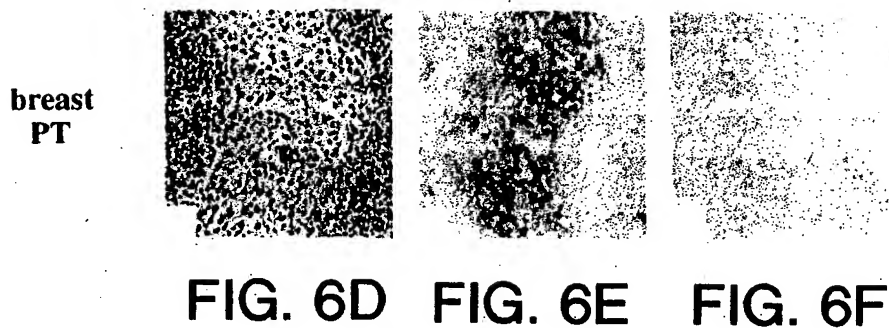
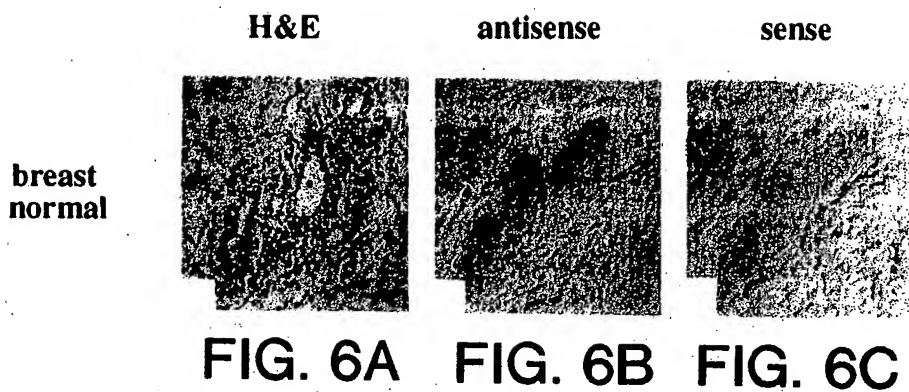


FIG. 5A

FIG. 5B





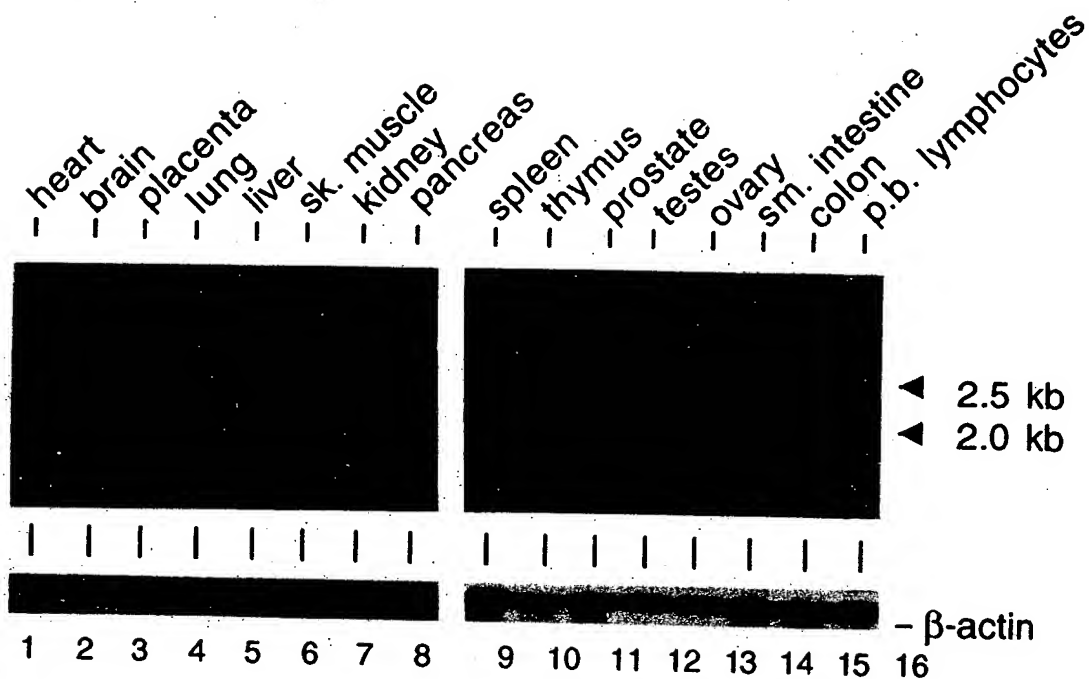


FIG. 7